

Management Information Specialist Client/Server Programmer/Analyst

DEFINITION

Under general supervision, perform analysis, design, development, documentation and implementation of moderate to complex client/server based systems within project timelines; must be able to troubleshoot, enhance and maintain existing information systems based on the business requirements and request of the client; performs related work as required.

EXAMPLES OF DUTIES

Assist clients in determining system business requirements; analyze system requirements; prepare system models using entity relationship, data flow and functional decomposition diagrams; design systems using object-oriented techniques; develop systems based on business requirements; perform unit and string testing of systems, assist user with beta testing; develop documentation for clients; assist in development and implementation of client training programs; diagnose and resolve hardware and software failures in a client/server environment.

EMPLOYMENT STANDARDS

Education and Experience: Any combination of training and experience equivalent to a bachelor's degree in computer science or related field. One year of experience in the design and/or modification of database management systems on mid-range or larger computer systems in a computer network environment. Prefer experience with CASE tools and one or more of the following is desirable: PowerBuilder, Visual Basic, Delphi, FoxPro, Access, C or C++ and Microsoft Office.

Knowledges, Skills and Abilities: Knowledge of the principles and techniques of systems development life cycles; ability to diagnose hardware and software failures in a client/server environment; knowledge of object-oriented programming techniques and SQL (stored procedures, triggers, constraints, etc.); ability to read and create entity relationships, data flow and decomposition diagrams; possess good organizational skills; ability to work effectively with limited direction or oversight; ability to communicate effectively verbally and in writing with team members, the project leader and clients.